

RE: Update bilateral pleural thickening only

Bob Benson to: Hilbert, Timothy (hilbertj)

02/11/2011 09:18 AM

From: Bob Benson/R8/USEPA/US

To:

Cc: "Borton, Eric (bortonek)" <BORTONEK@UCMAIL.UC.EDU>, "Brattin Bill" <brattin@srcinc.com>

Was the discrete pleural thickening found in these 4 bilateral or unilateral? It is OK if they also had interstitial change.

-----"Hilbert, Timothy (hilbertj)" <HILBERTJ@UCMAIL.UC.EDU> wrote:

To: Bob Benson/R8/USEPA/US@EPA

From: "Hilbert, Timothy (hilbertj)" <HILBERTJ@UCMAIL.UC.EDU>

Date: 02/11/2011 07:37AM

Cc: "Borton, Eric (bortonek)" <BORTONEK@UCMAIL.UC.EDU>,

"Bill@mintra01.rtp.epa.gov" <Bill@mintra01.rtp.epa.gov>,

"brattin@mintra01.rtp.epa.gov" <brattin@mintra01.rtp.epa.gov>

Subject: RE: Update bilateral pleural thickening only

What would you like us to check about these 4 workers?

-----Original Message-----

From: Benson.Bob@epamail.epa.gov

[mailto:Benson.Bob@epamail.epa.gov]

Sent: Thursday, February 10, 2011 7:28 PM

To: Hilbert, Timothy (hilbertj)

Cc: Borton, Eric (bortonek); Bill@mintra01.rtp.epa.gov;

brattin@mintra01.rtp.epa.gov

Subject: Re: Update bilateral pleural thickening only

There may be a confusion with the terminology. I don't want those with "Bilateral Pleural Discrete Only" but of those with "Discete Pleural" (n = 68 with the 280 data set) who had "Bilateral Pleural Discrete." It is OK to include those who also had Intersitital change.

It looks like you need to check the following workers:

#11377

#12430

#14183

#17676

-----"Hilbert, Timothy (hilbertj)" <HILBERTJ@UCMAIL.UC.EDU> wrote:

To: Bob Benson/R8/USEPA/US@EPA
From: "Hilbert, Timothy (hilbertj)" <HILBERTJ@UCMAIL.UC.EDU>
Date: 02/10/2011 02:14PM
Cc: "Borton, Eric (bortonek)" <BORTONEK@UCMAIL.UC.EDU>
Subject: Update bilateral pleural thickening only

(See attached file: Tables and Figure 02102011.xlsx)

In the Rohs paper, to be counted as having bilateral pleural changes meant at least 2 readers indicated pleural changes on both the right and the left for any combination of discrete chest wall pleural thickening, diaphragm pleural thickening, and/or diffuse pleural thickening. In reviewing the 53 reported in the paper, it was discovered that one did not meet the criteria and was only unilateral.

The definition utilized in the RfC is much tighter. Any workers with asbestos exposure are excluded. Also excluded are workers who are positive (at least 2 readers) for interstitial changes or diffuse pleural thickening. Then to be counted as having bilateral pleural changes meant at least 2 readers indicated only pleural changes on both the right and the left for any combination of discrete chest wall pleural thickening and/or diaphragm pleural thickening.

When we re-applied this criteria to the 252, we identified 34 subjects with only bilateral discrete pleural thickening. These are reflected on the attached table 6. The reason for the increase from 25 is that our previous table inadvertently excluded those with diaphragm pleural thickening.

Please let us know of any follow-up questions you may have.

Tim